INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/34140

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : C01B 3/32 US CL : 48/127.3, 190, 192			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 48/127.3, 190, 192			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Α	US 5,127,231 A (LARUE et al.) 7 July 1992 (07.07.1992)		1-16
Α	US 4,805,674 A (KNOWLTON) 21 February 1989 (21.02.1989		1-16
A	US 3,765,489 A (MALY) 16 October 1973 (16.10.1973)		1-16
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Further documents are listed in the continuation of Box C. See patent family annex.			
* S	pecial categories of cited documents:	"T" later document published after the inte	
	t defining the general state of the art which is not considered to be alar relevance	date and not in conflict with the applic principle or theory underlying the inve	ntion
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"O" documen	t referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in th	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
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Mail Stop PCT, Arm: ISA/US		X \ C \ \ C \ \ (\ \ \ \ \ \ \ \ \ \ \ \	
Commissioner for Patents		Basia Ridley	
P.O. Box 1450 Atexandria, Virginia 22313-1450		Telephone No. (571) 272-1790	frey 1
Facsimile No. (703) 305-3230			

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